

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032527.D
 Acq On : 25 Sep 2018 2:58
 Operator : SY/AP
 Sample : J5039-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR-AIRDL

Manual Integrations
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Quant Time: Sep 25 07:04:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 07:04:02 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1470565	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3450118	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3404470	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2625870	10.23	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	7344	0.054	ppbv #	79
13) Ethanol	3.68	45	66085	4.144	ppbv	94
15) Acetone	3.92	43	403319	3.124	ppbv	99
19) Isopropyl Alcohol	4.06	45	42558	0.473	ppbv #	93
20) Methylene Chloride	4.43	84	55989	0.896	ppbv	96
26) Hexane	5.80	57	51514	0.364	ppbv #	47
53) Toluene	9.97	91	37749m	0.111	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

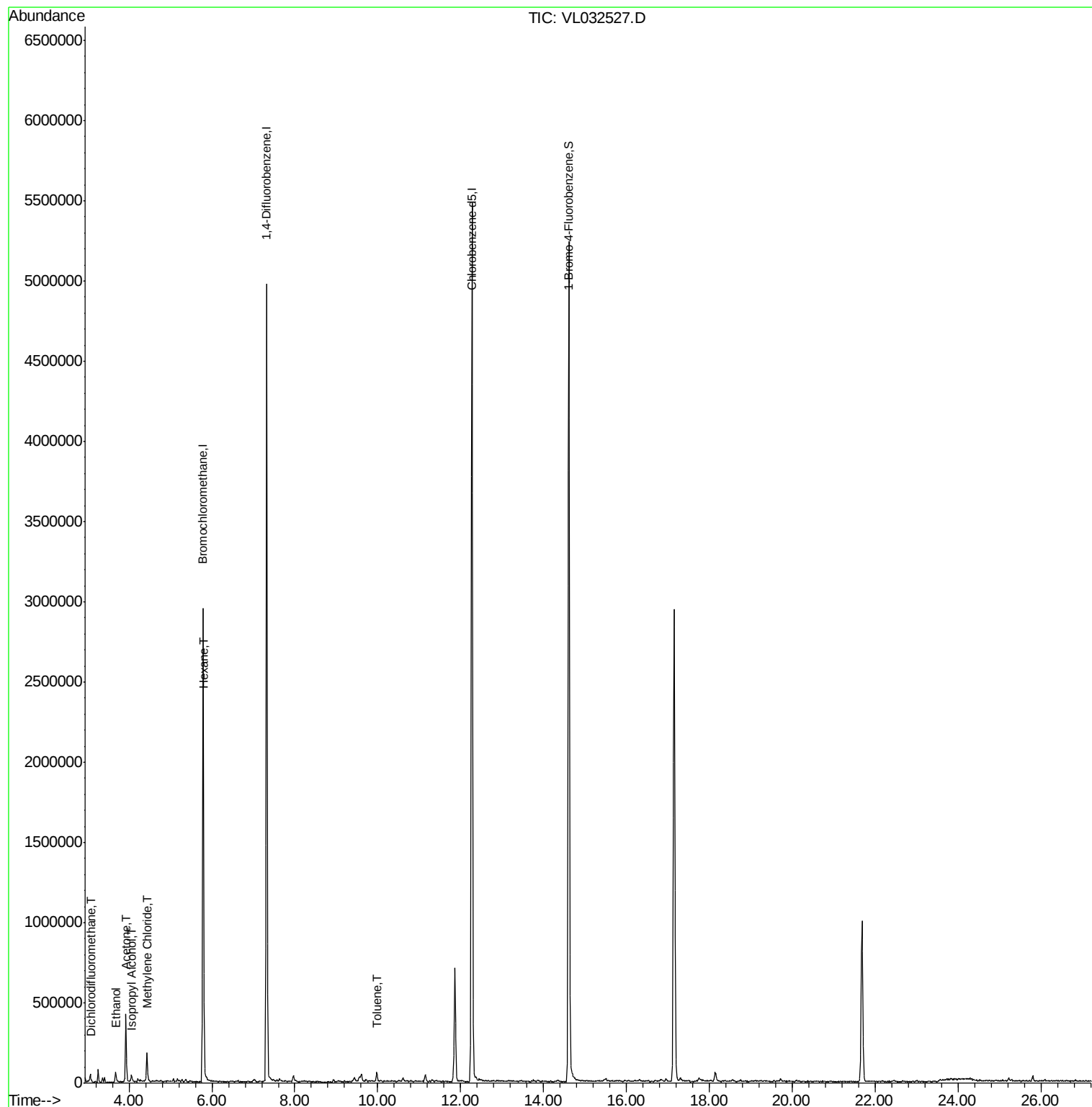
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL092418\
Data File : VL032527.D
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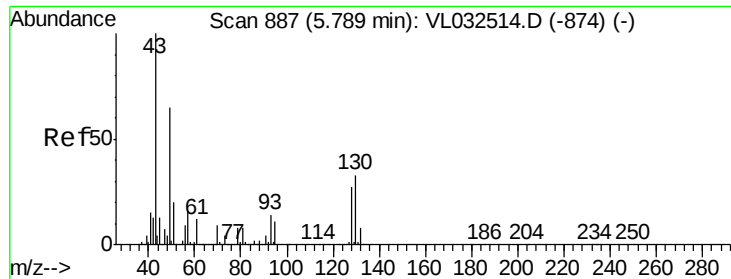
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Sep 25 07:04:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
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QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032527.D

Acq: 25 Sep 2018 2:58

Instrument :

MSVOA_L

ClientSampleId :

INDOOR-AIRDL

Tot Ion: 49 Resp: 1470565

Ion Ratio Lower Upper

49 100

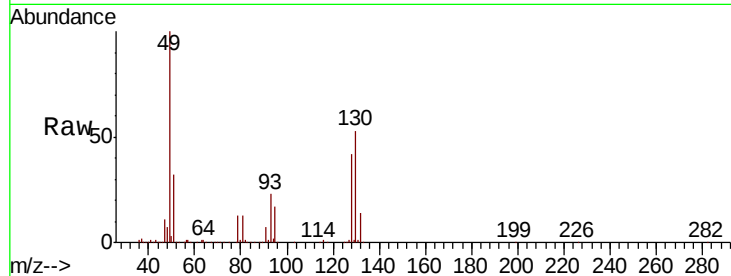
128 42.9 20.7 62.1

130 54.4 26.6 79.7

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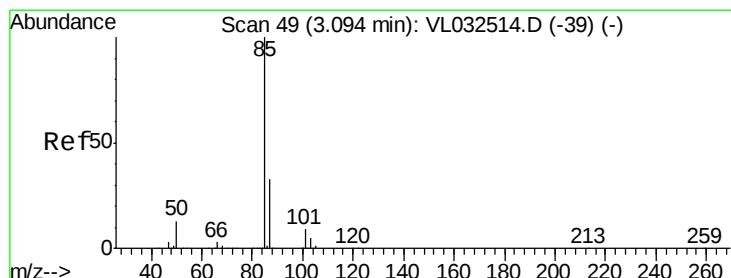
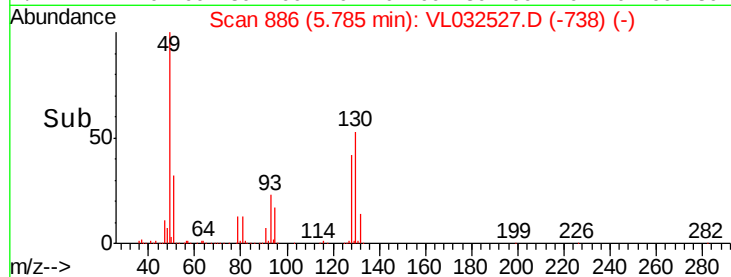
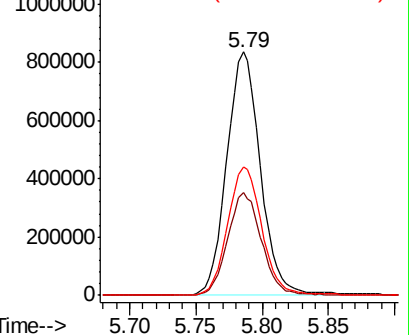
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.054 ppbv

RT: 3.09 min Scan# 49

Delta R.T. -0.01 min

Lab File: VL032527.D

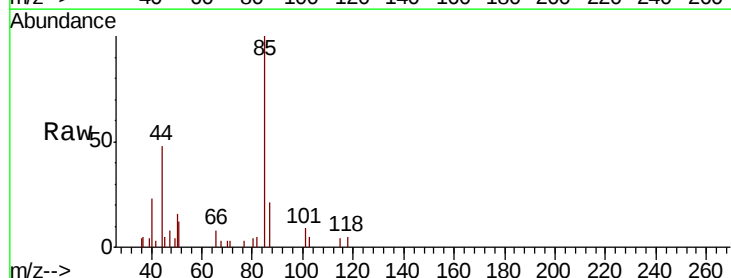
Acq: 25 Sep 2018 2:58

Tgt Ion: 85 Resp: 7344

Ion Ratio Lower Upper

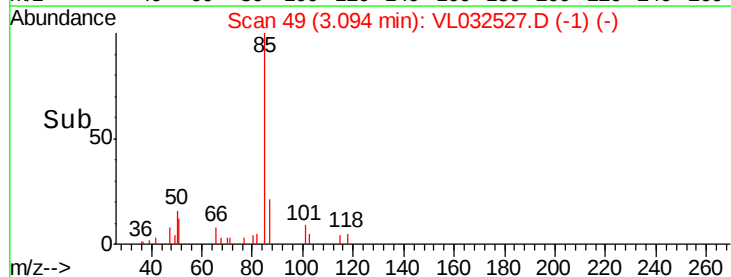
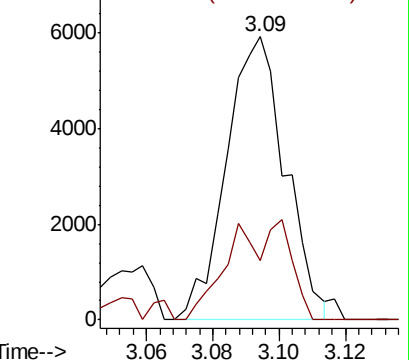
85 100

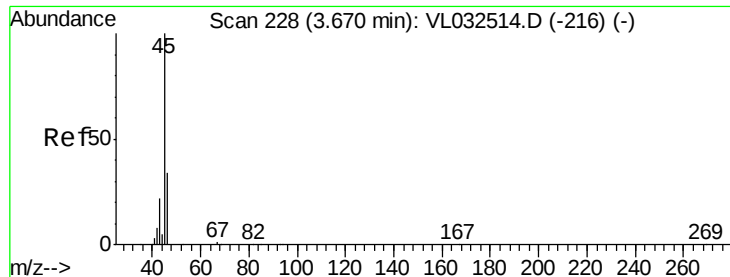
87 20.8 26.2 39.4#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





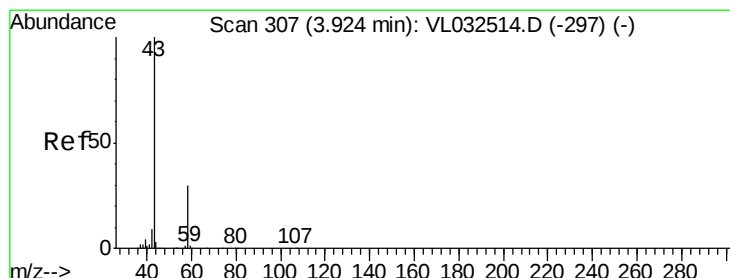
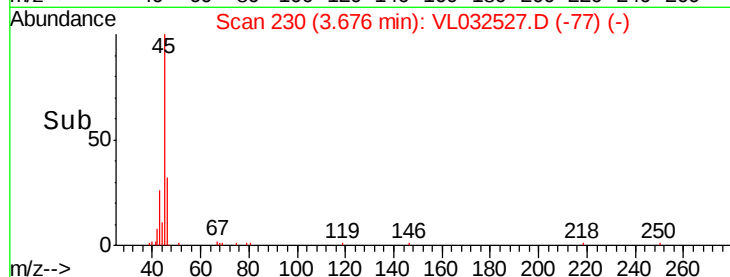
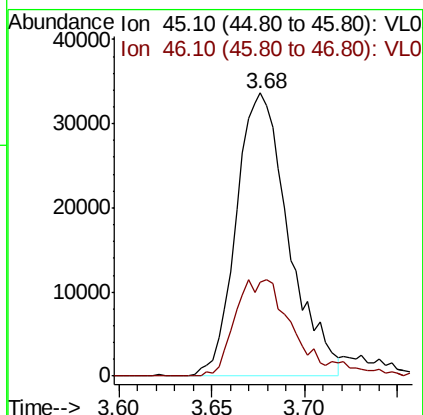
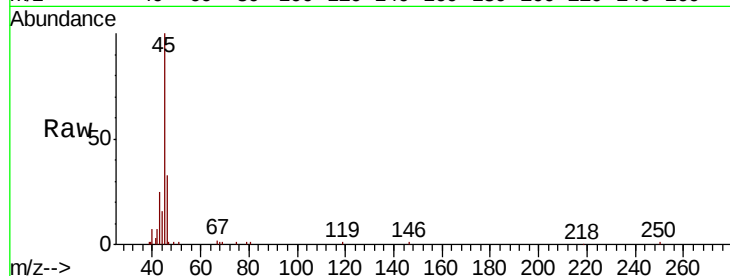
#13
Ethanol
Concen: 4.144 ppbv
RT: 3.68 min Scan# 230
Delta R.T. -0.01 min
Lab File: VL032527.D
Acq: 25 Sep 2018 2:58

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIRDL

Tot Ion	45	Resp	66085
Ion Ratio	100	Lower	Upper
46	39.1	14.2	56.8

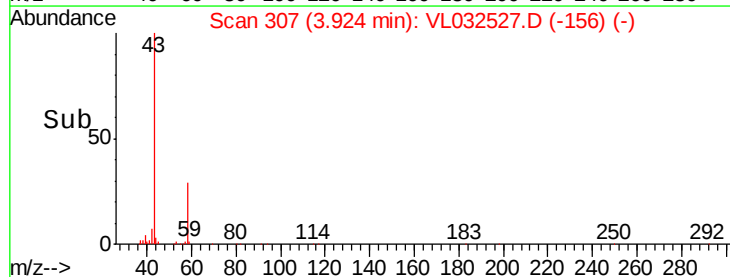
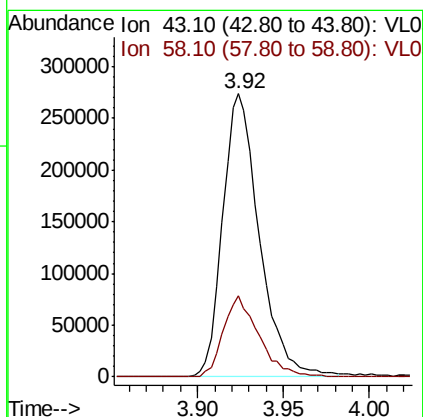
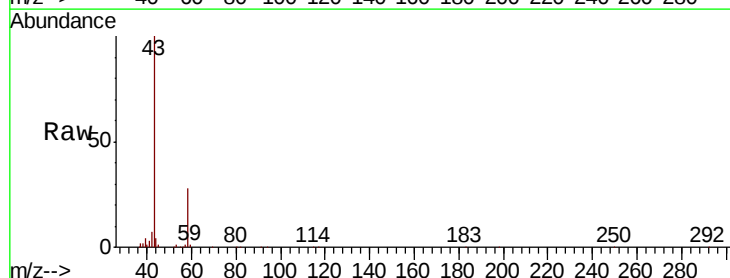
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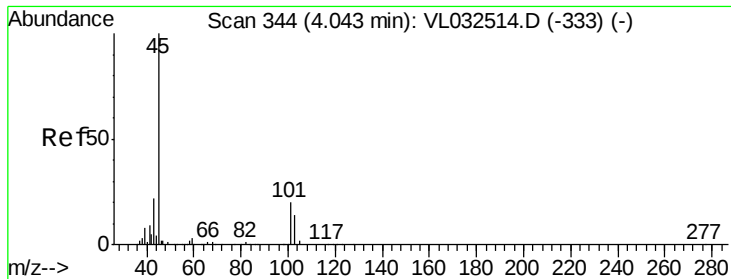
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#15
Acetone
Concen: 3.124 ppbv
RT: 3.92 min Scan# 307
Delta R.T. -0.01 min
Lab File: VL032527.D
Acq: 25 Sep 2018 2:58

Tgt Ion	43	Resp	403319
Ion Ratio	100	Lower	Upper
58	28.6	22.6	33.8





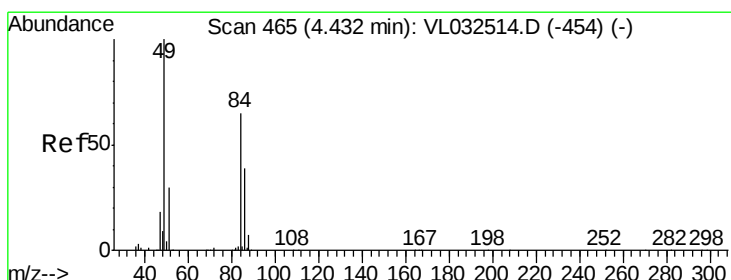
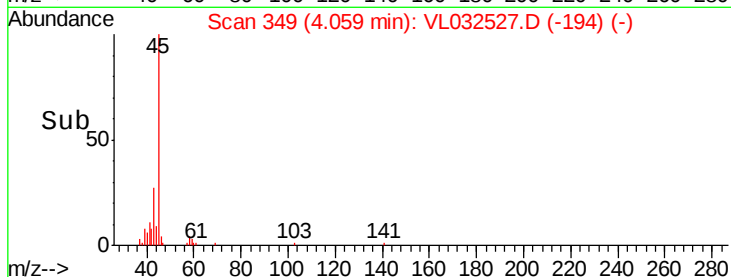
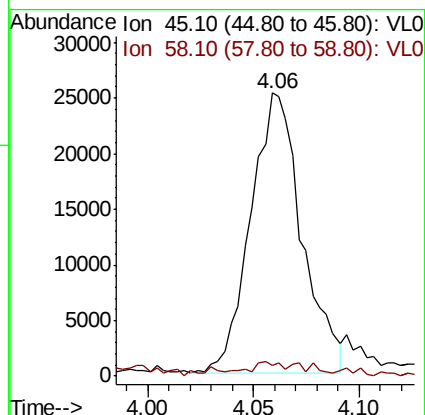
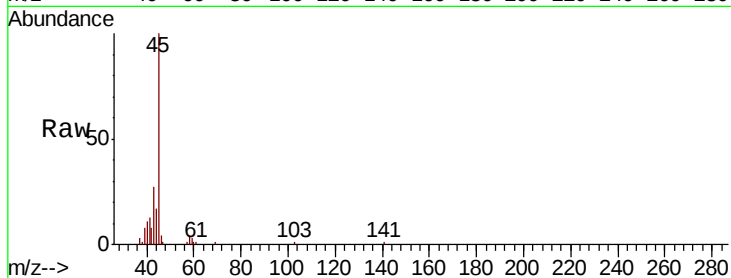
#19
Isopropyl Alcohol
Concen: 0.473 ppbv
RT: 4.06 min Scan# 349
Delta R.T. -0.00 min
Lab File: VL032527.D
Acq: 25 Sep 2018 2:58

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIRDL

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

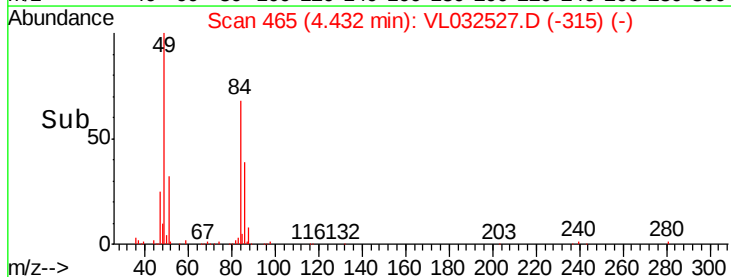
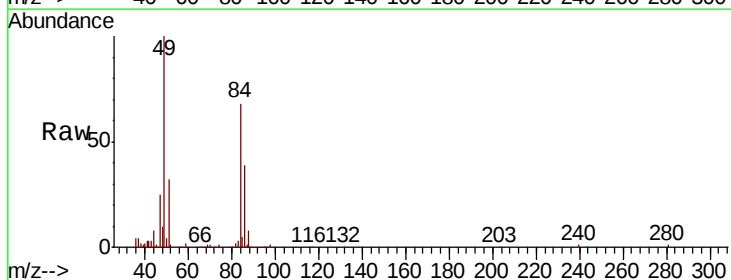
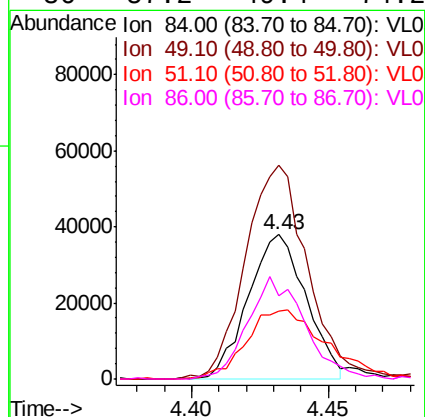
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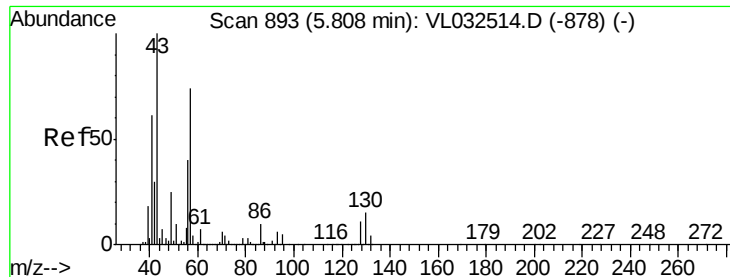
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#20
Methylene Chloride
Concen: 0.896 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032527.D
Acq: 25 Sep 2018 2:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	145.5	119.1	178.7
51	46.2	35.2	52.8
86	57.2	49.4	74.2





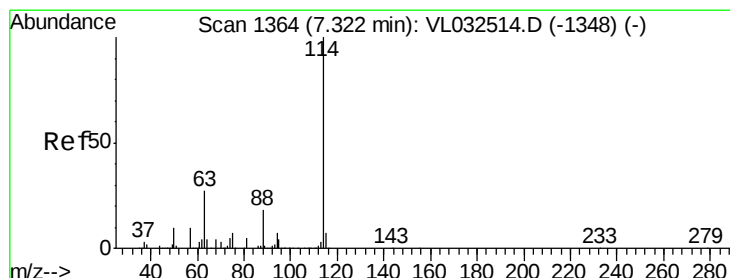
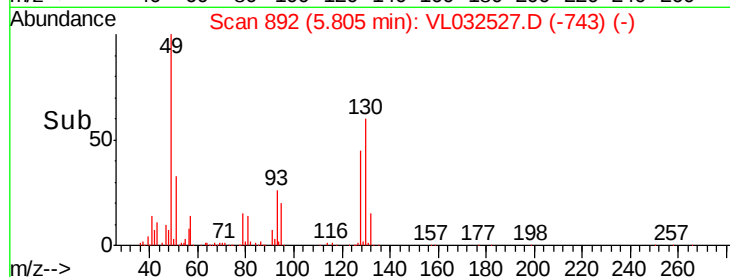
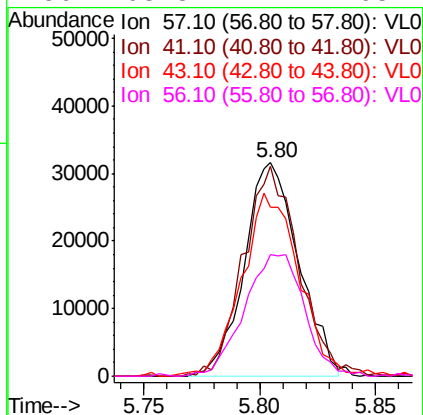
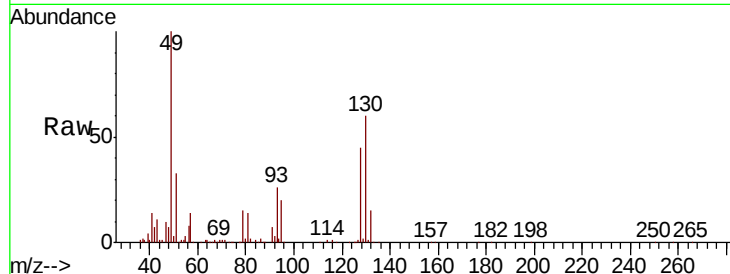
#26
Hexane
Concen: 0.364 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032527.D
Acq: 25 Sep 2018 2:58

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIRDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	100.5	69.0	103.4
43	91.6	172.1	258.1#
56	63.3	42.2	63.2#

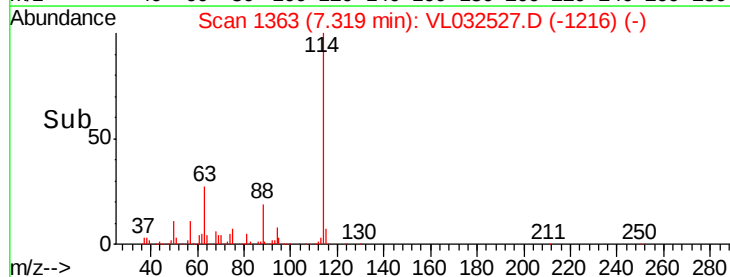
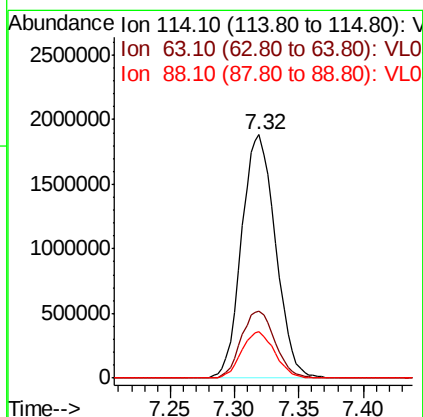
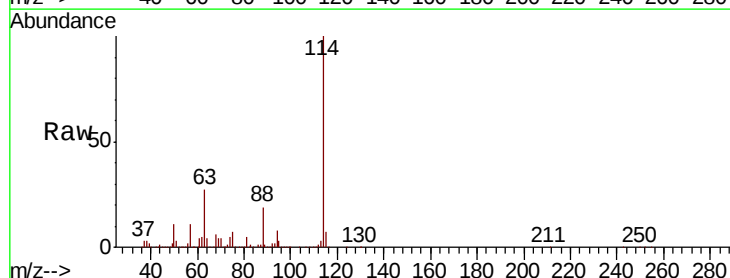
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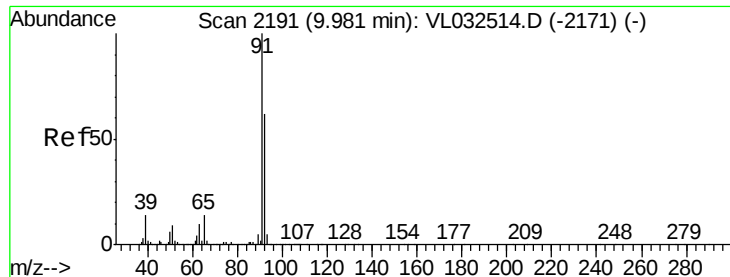
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032527.D
Acq: 25 Sep 2018 2:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.2	33.4
88	18.7	15.0	22.4





#53

Toluene

Concen: 0.111 ppbv m

RT: 9.97 min Scan# 2188

Delta R.T. -0.03 min

Lab File: VL032527.D

Acq: 25 Sep 2018 2:58

Instrument :

MSVOA_L

ClientSampleId :

INDOOR-AIRDL

Tot Ion: 91 Resp: 37749

Ion Ratio Lower Upper

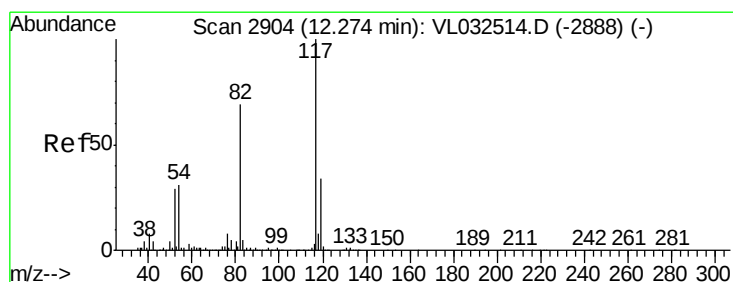
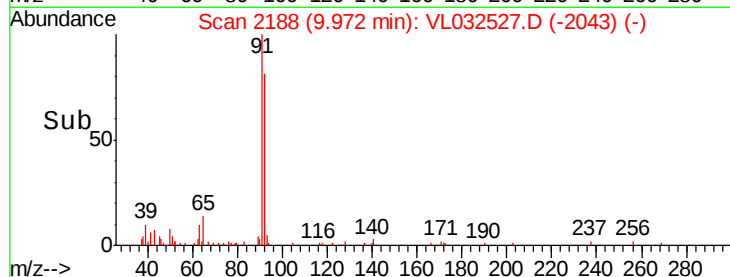
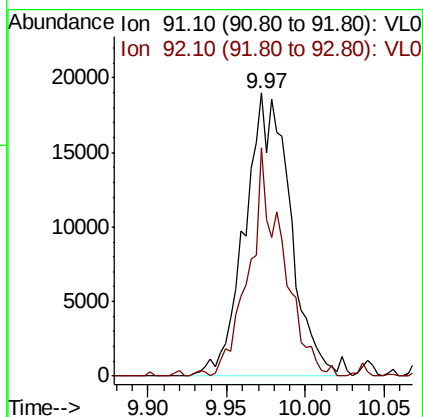
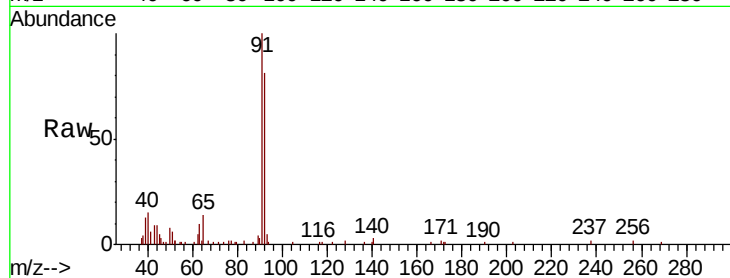
91 100

92 60.5 48.1 72.1

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.27 min Scan# 2903

Delta R.T. -0.03 min

Lab File: VL032527.D

Acq: 25 Sep 2018 2:58

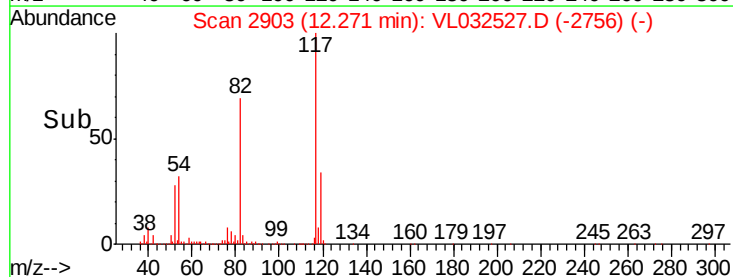
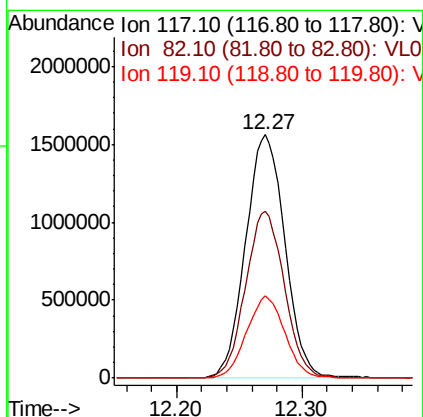
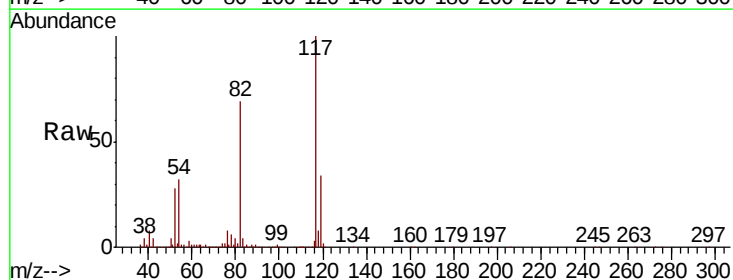
Tgt Ion: 117 Resp: 3404470

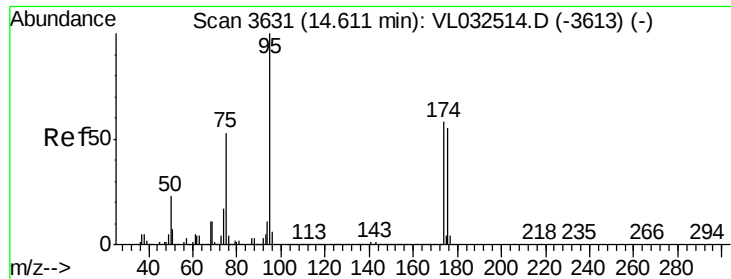
Ion Ratio Lower Upper

117 100

82 68.0 53.0 79.6

119 32.9 45.9 68.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.228 ppbv
 RT: 14.61 min Scan# 3630
 Delta R.T. -0.03 min
 Lab File: VL032527.D
 Acq: 25 Sep 2018 2:58

Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR-AIRDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	57.6	46.3	69.5
175	4.1	3.4	5.0

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